

PATENT APPLICATION FEE DETERMINATION RECORD

Effective January 1, 2005

Patent Number

10/647610

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|----------------------------------|-----------------|--------------------------|
| TOTAL CLAIMS | 17 | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 17 minus 20 = * | 1 |
| INDEPENDENT CLAIMS | 3 minus 8 = * | 1 |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|--|------------|------------------------------------|--------------------------|
| CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 12 | Minus | ** |
| Independent | * 3 | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

| | (Column 1) | (Column 2) | (Column 3) |
|--|------------|------------------------------------|--------------------------|
| CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** |
| Independent | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

| | (Column 1) | (Column 2) | (Column 3) |
|--|------------|------------------------------------|--------------------------|
| CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** |
| Independent | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | <input type="checkbox"/> |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 375.00 |
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL | 375 |

OTHER THAN SMALL ENTITY

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 750.00 |
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL | |

SMALL ENTITY

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL ADDIT. FEE | |

OTHER THAN SMALL ENTITY

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9= | |
| X42= | |
| +140= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$18= | |
| X84= | |
| +280= | |
| TOTAL ADDIT. FEE | |

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